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PATENT, TRADEMARK, COPYRIGHT AND UNFAIR COMPETITION LAW AND RELATED LITIGATION

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TO: Examiner Quochien Vuong
U.S. Patent and Trademark Office

RE: U.S. Patent Application Serial No. 09/513,543

FROM: Kurt A. Summe, Esquire

Our Ref.: ANCO-18US

Pages (including cover page): 3

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FOR DISCUSSION PURPOSES ONLY

Date: September 29, 2005

MESSAGE: Please find the attached proposed amendments for claims 1 and 16 in the above-referenced case for discussion purposes during an Interview that is to be scheduled.

PROPOSED AMENDED CLAIMS 1 AND 16 FOR INTERVIEW WITH EXAMINER
U.S. PATENT APPLICATION SERIAL NO. 09/513,543 (ANCO-18US)

1. (CURRENTLY AMENDED) A method of retransmitting a GPS signal inside a structure, the method comprising:

receiving the GPS signal with a link antenna positioned generally proximate the outside of the structure;

with a primary repeater coupled to the link antenna, down converting the GPS signal to an intermediate frequency (IF) signal, amplifying and filtering the IF signal, and up converting the IF signal to produce a radio frequency (RF) signal;

with a broadcast antenna coupled to the primary repeater, wirelessly transceiving the RF signal throughout the structure and with a secondary repeater configured for transceiving signals inside the structure; ~~and~~

at the secondary repeater, transceiving the RF signal with a link antenna;

downconverting the RF signal to a second intermediate frequency (IF) signal;

amplifying and filtering the second IF signal;

upconverting the second IF signal to a second GPS signal; and

with a broadcast antenna of the secondary repeater, ~~retransmitting~~ transceiving the ~~RF~~ second GPS signal with GPS equipment inside the structure.

16. (CURRENTLY AMENDED) A GPS repeater system for retransmitting a GPS signal inside a structure, the repeater comprising:

a link antenna, positioned generally proximate the outside of the structure, for receiving the GPS signal;

a primary repeater coupled to the link antenna and including a circuit for down converting the GPS signal to an intermediate frequency (IF) signal, amplifying and filtering the IF signal, and up converting the IF signal to produce a radio frequency (RF) signal; ~~and~~

a broadcast antenna coupled to the primary repeater and operable for wirelessly transceiving the RF signal throughout the structure and with a secondary repeater;

a secondary repeater configured for tranceiving signals inside the structure; ~~and~~ including a link antenna for transceiving the RF signal with the primary repeater,

the secondary repeater including a circuit for downconverting the RF signal to a second intermediate frequency (IF) signal, amplifying and filtering the second IF signal and upconverting the second IF signal to a second GPS signal; and

a broadcast antenna, coupled to the secondary repeater, and operable for ~~retransmitting the RF~~ transceiving the second GPS signal with GPS equipment inside the structure.